

IN THE CLAIMS:

Please amend Claim 2 as follows.

Claim 1. (Cancelled).

2. (Currently Amended) A manipulator comprising:
a plurality of arm members whose attitudes can be changed;
a manipulation target object manipulating hand mounted on said
plurality of arm members through a connecting portion, and
~~wherein movement of said hand is caused by changing the attitudes~~
~~including a parallel state and an intersection state of said plurality of arm members; and~~
an actuator operatively coupled to at least one of said arm members for
changing the attitudes of said plurality of arm members,
wherein the attitudes including a parallel state and an intersection state
of said plurality of arm members are changed by controlling said actuator, thereby causing
~~movement~~ rotation of said hand about an axis parallel to said arm members in the parallel state.

3. (Previously Presented) The manipulator according to claim 2, wherein
attitudes are changed by expand/contract of said actuator, thereby causing movement of said
hand.

Claim 4. (Cancelled).